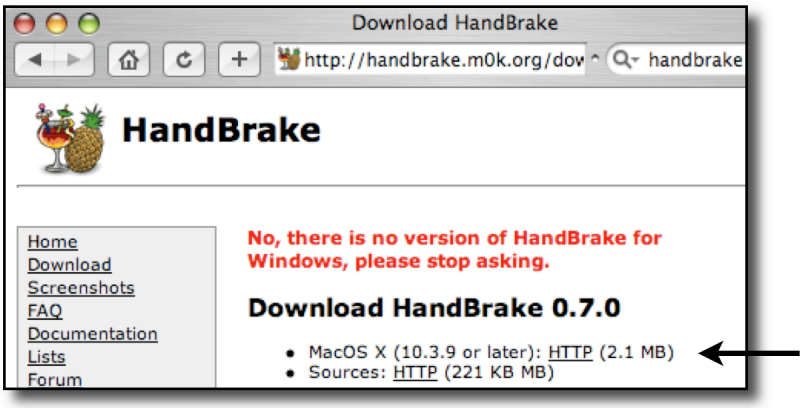
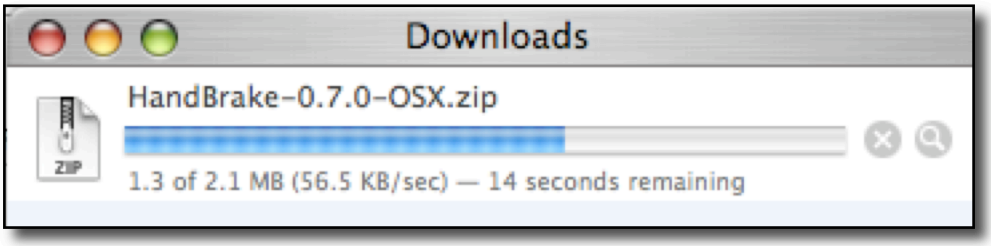
Step 1) Download and install the Open Source program called Handbrake.

Launch the Safari web browser on Mac OS X 10.4. Go to this URL:

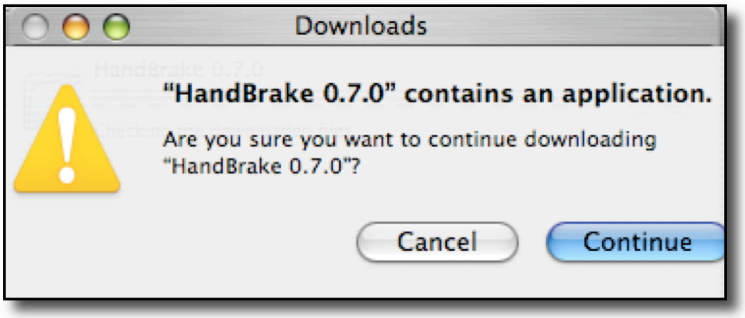
http://**handbrake**.m0k.org/**download**.php



Click the HTTP link for the MacOS X version (not the source).

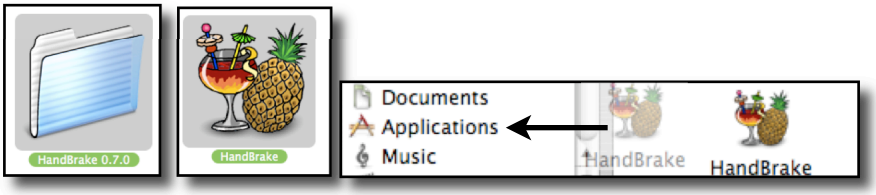


The download will start. Wait for it to complete.



Just before the download is finished, Mac OS X 10.4 will warn you that the download contains an application. Click Continue.

Quit your browser and go to your Desktop folder.

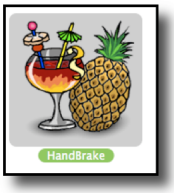


Locate the newly downloaded and decompressed folder called Handbrake 0.7.0. Double-click to open the folder. Locate the Handbrake icon and drag the Handbrake icon into the Application folder in your sidebar. (While you are in the Handbrake folder, feel free to double-click the contribute.url icon to **donate some funds** to the developer.)

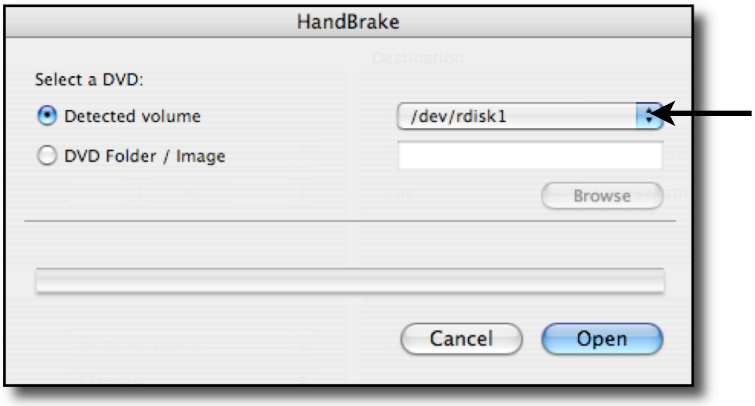
Step 2) Open your DVD in Handbrake.

Insert a DVD into the DVD drive and wait for the DVD Player to launch.

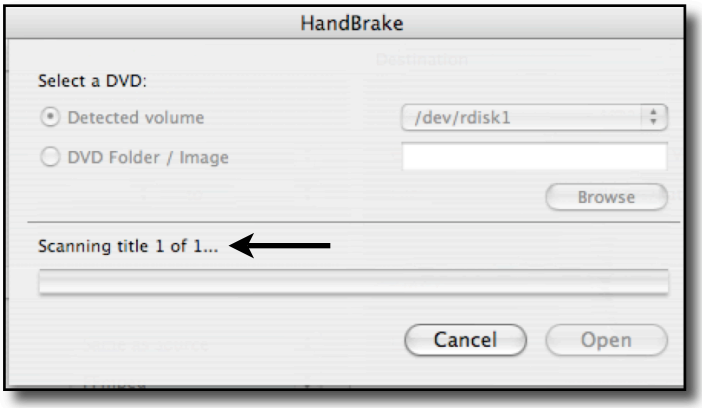
Quit the DVD Player.



Open your Application folder and double-click to launch Handbrake.



Select /dev/rdisk1 (or something similar) from the Detected Volume pop-up menu and click the Open button.

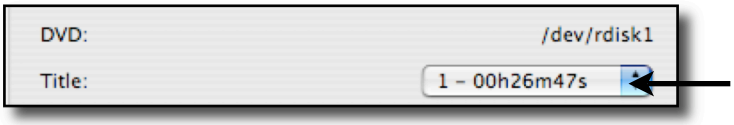


Handbrake will scan the DVD for all the 'titles' on the disc. A DVD can have one or many titles - based on how many movies are stored on the DVD.

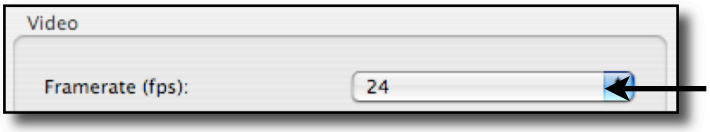
Step 3) Set up the parameters needed for iPod playback.

Handbrake has 5 sections - Source, Video, Destination, Subtitles, and Audio, one button called Picture Settings... (the most important place), and one button called Rip.

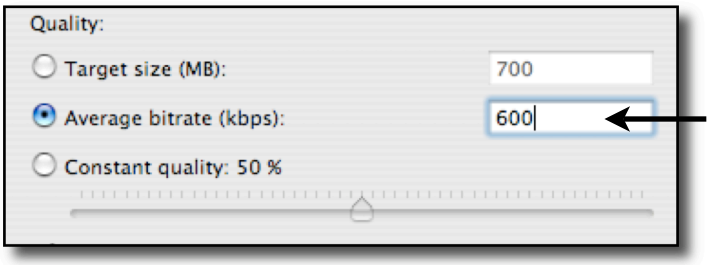
In the Source section, select the main movie from the Title list pop-up menu. (This is usually the one with the longest time listed.)



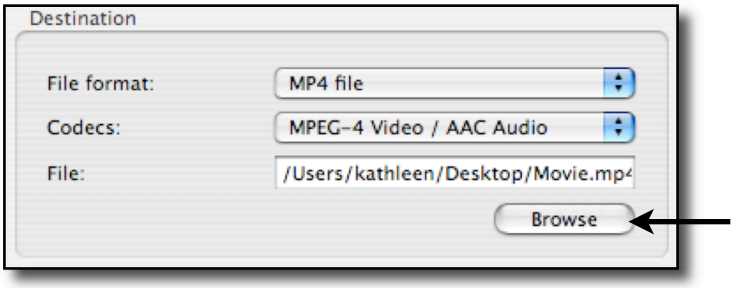
In the Video section, set the framerate to 24 fps.



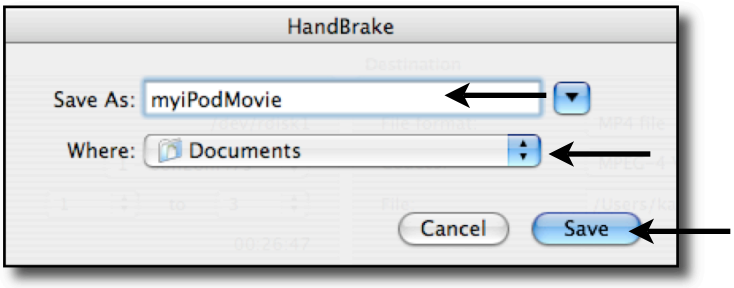
Also in the Video section, set the average bitrate to 600.



In the Destination section, click the Browse button.

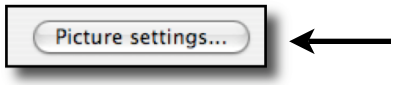


Name your movie, and navigate to the location you want to save the file. (You can save it in the default location - your Documents folder - or you can save it on an external hard drive, or even onto your Desktop.)

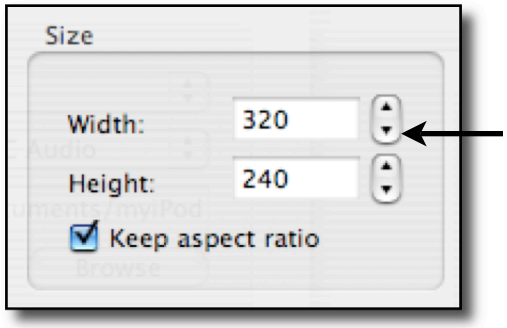


Click the Save button.

The Subtitles section and the Audio section do not need to be changed.



Click the Picture Settings... button. The Picture Settings had a Size section.

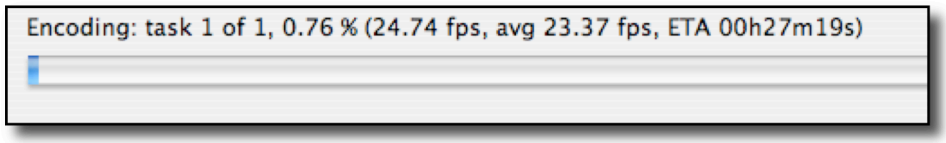


Change the width by clicking the down button until it reaches 320. (Make sure the Keep Aspect Ratio checkbox is checked.) Note: As long as the width is 320, the height can be less than 240, which means if your DVD is a widescreen version it can still be played on your iPod. The secret is to make sure the width is exactly 320.

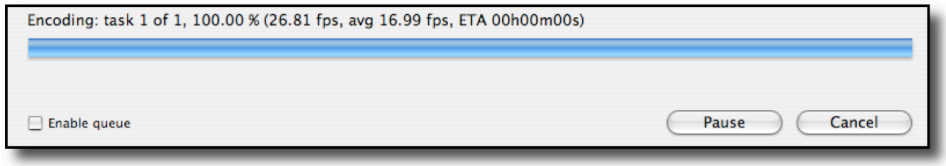
The bottom left-hand side of the window will tell you how much your movie will be down-sampled.

Click the Close button to close the Picture Settings... window.

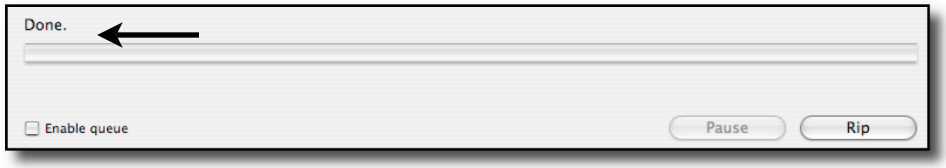
Click the Rip button.



Watch the progress bar, and wait for the encoding to finish. (Large movies may take many hours on an iMac or laptop.)



The progress bar will move across the window and then SEEM to stick at the end. **Be patient**.

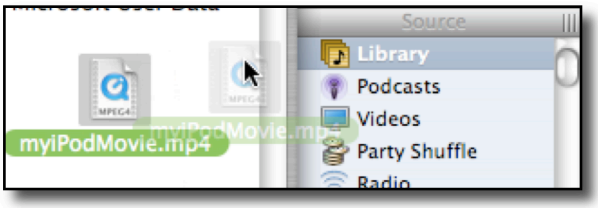


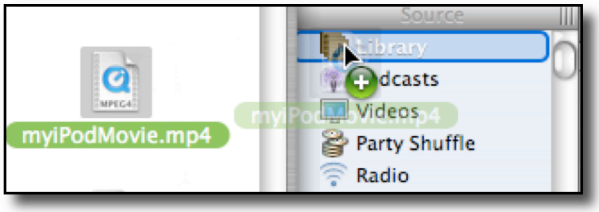
The progress bar will say that it is finished, but WAIT for the DONE message to display.

Quit Handbrake.

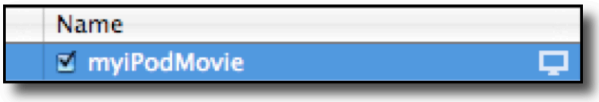
Step 4) Move your newly converted movie to your iPod Video player via iTunes.

Launch iTunes.

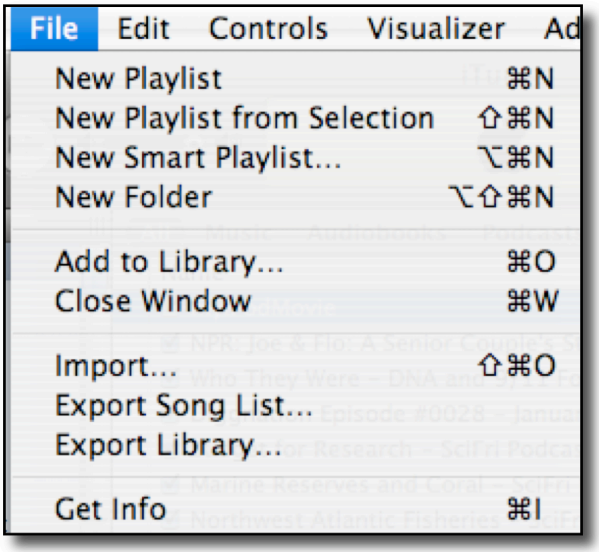




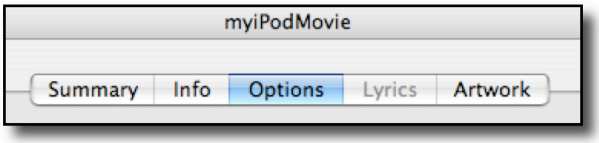
Drag the new movie onto the iTunes Library.



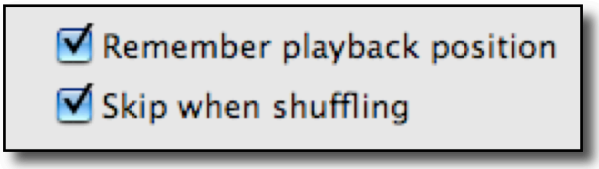
Select the new movie.



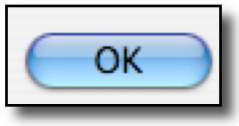
Use the Get Info command.



Use the Options Menu.



For easier use on your iPod Video player, make sure the Remember Playback Position and Skip When Shuffling check-boxes are checked.



Click the OK button.

Sync your IPod Video player. For help with syncing, see the Apple web site.

http://www.apple.com/support/ipod101/

http://www.apple.com/ipod/autosync.html

http://www.apple.com/itunes/sync/